

Figure 1

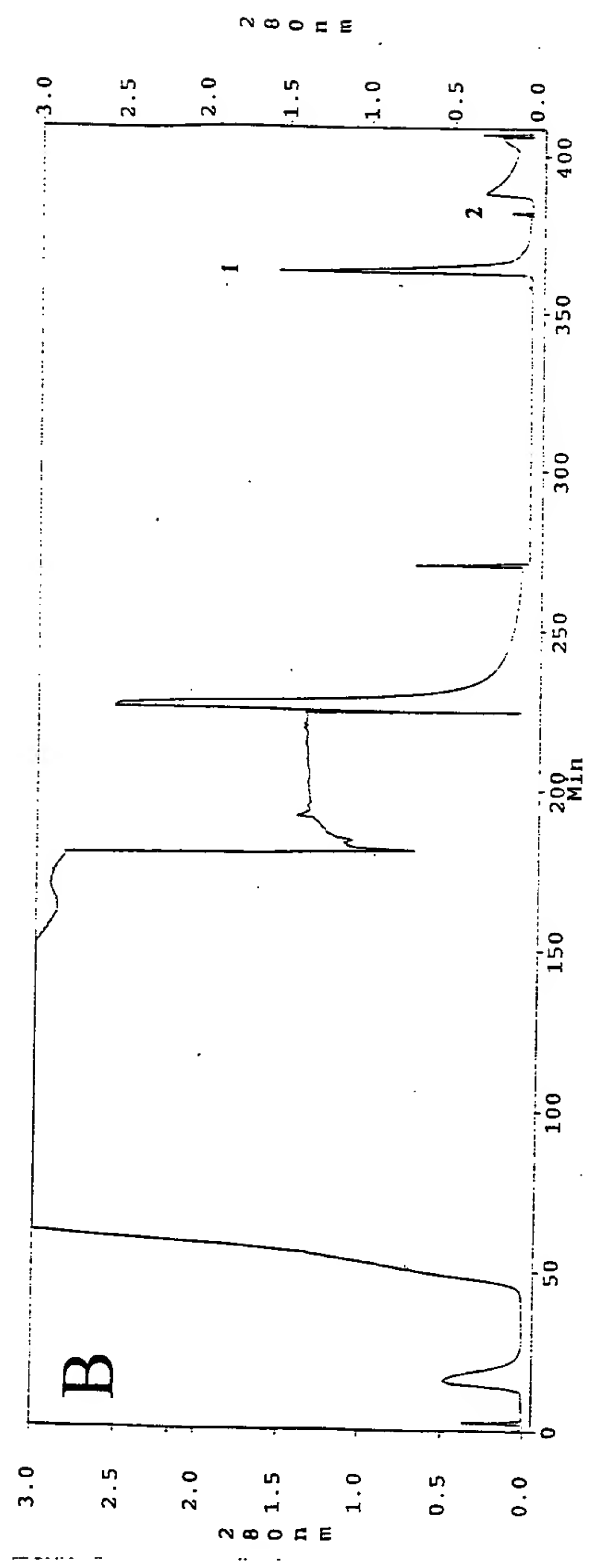


Figure 2

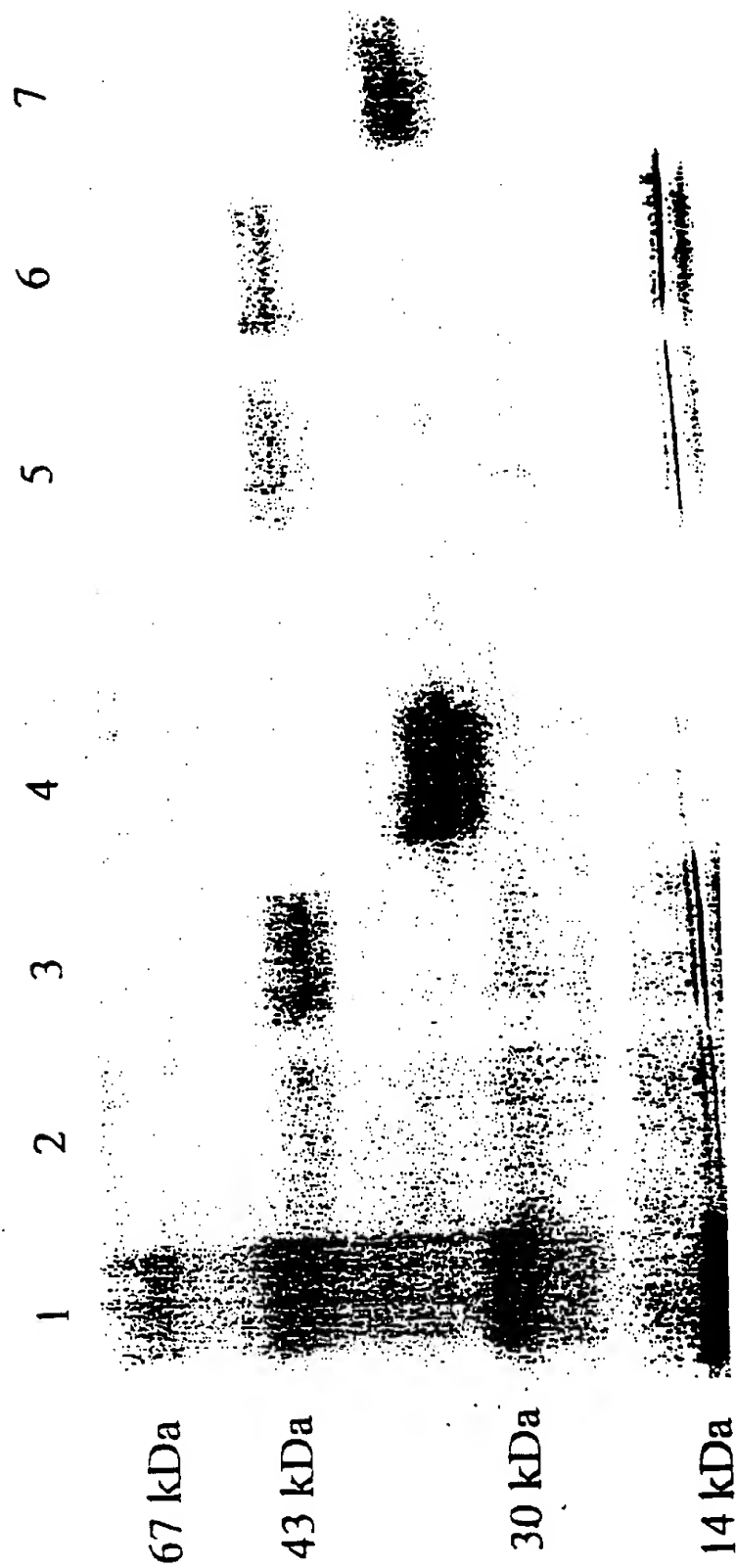
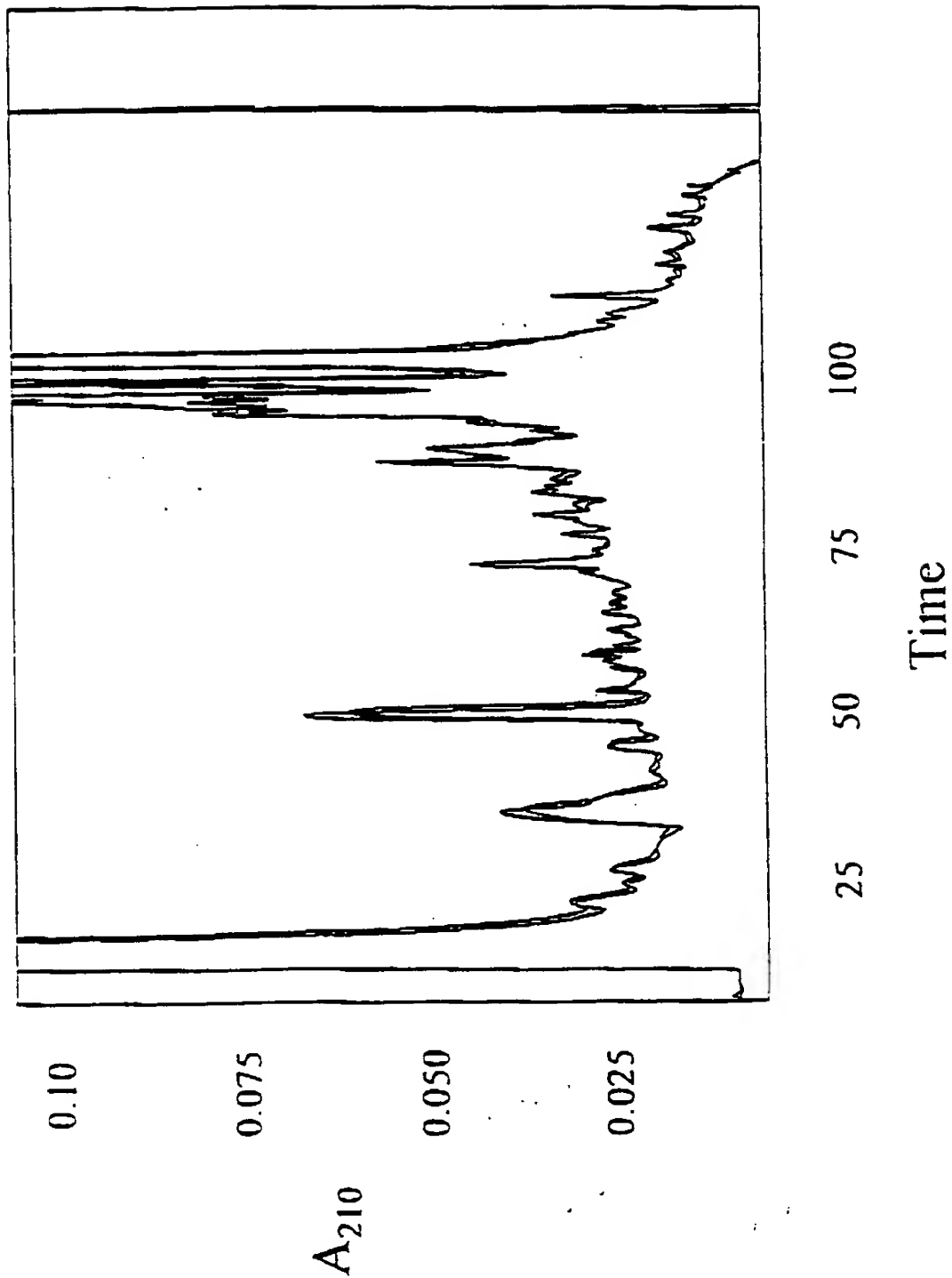


Figure 3



001100-00000000

20000
15000
10000
5000
0

A

Figure 4

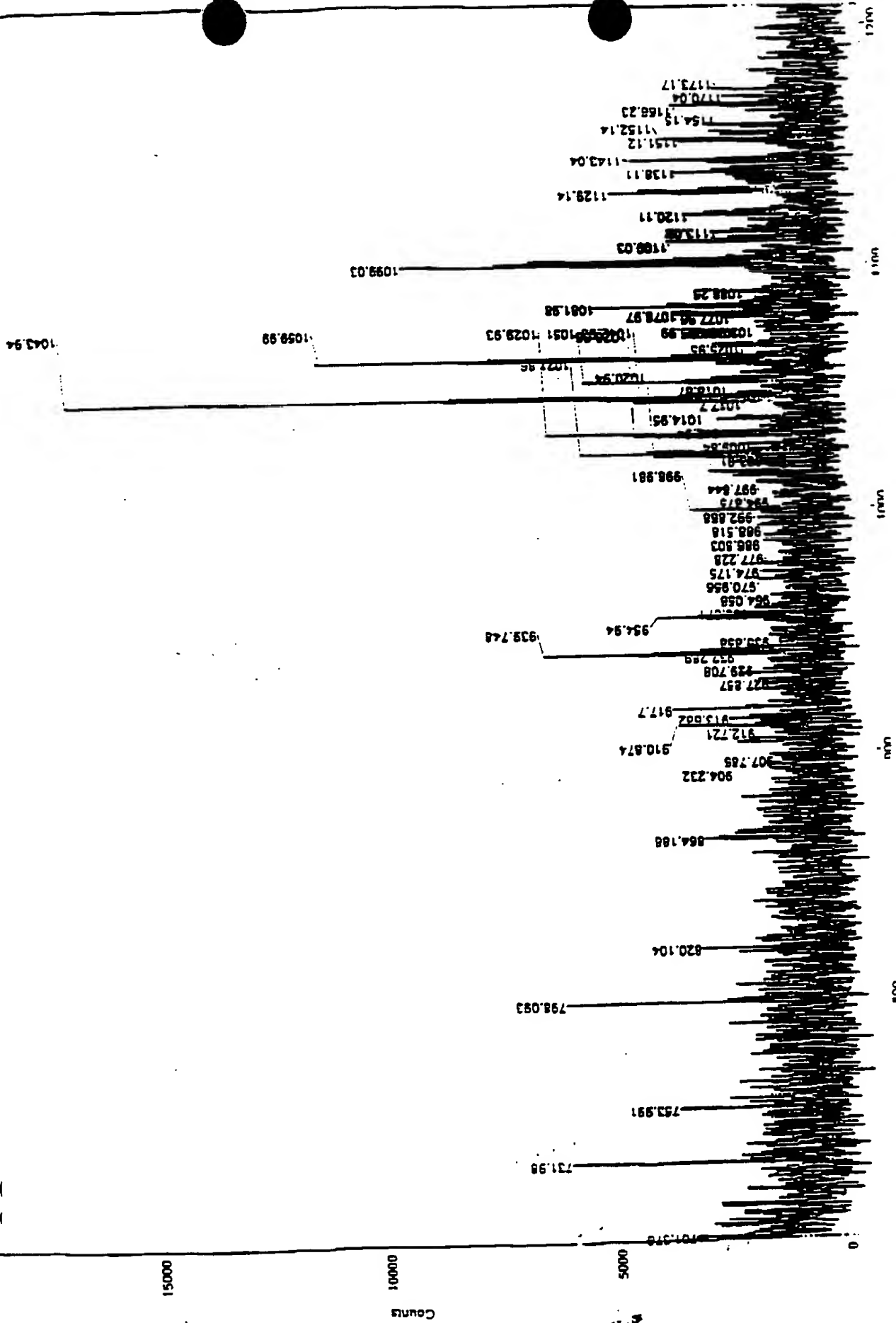


Figure 4

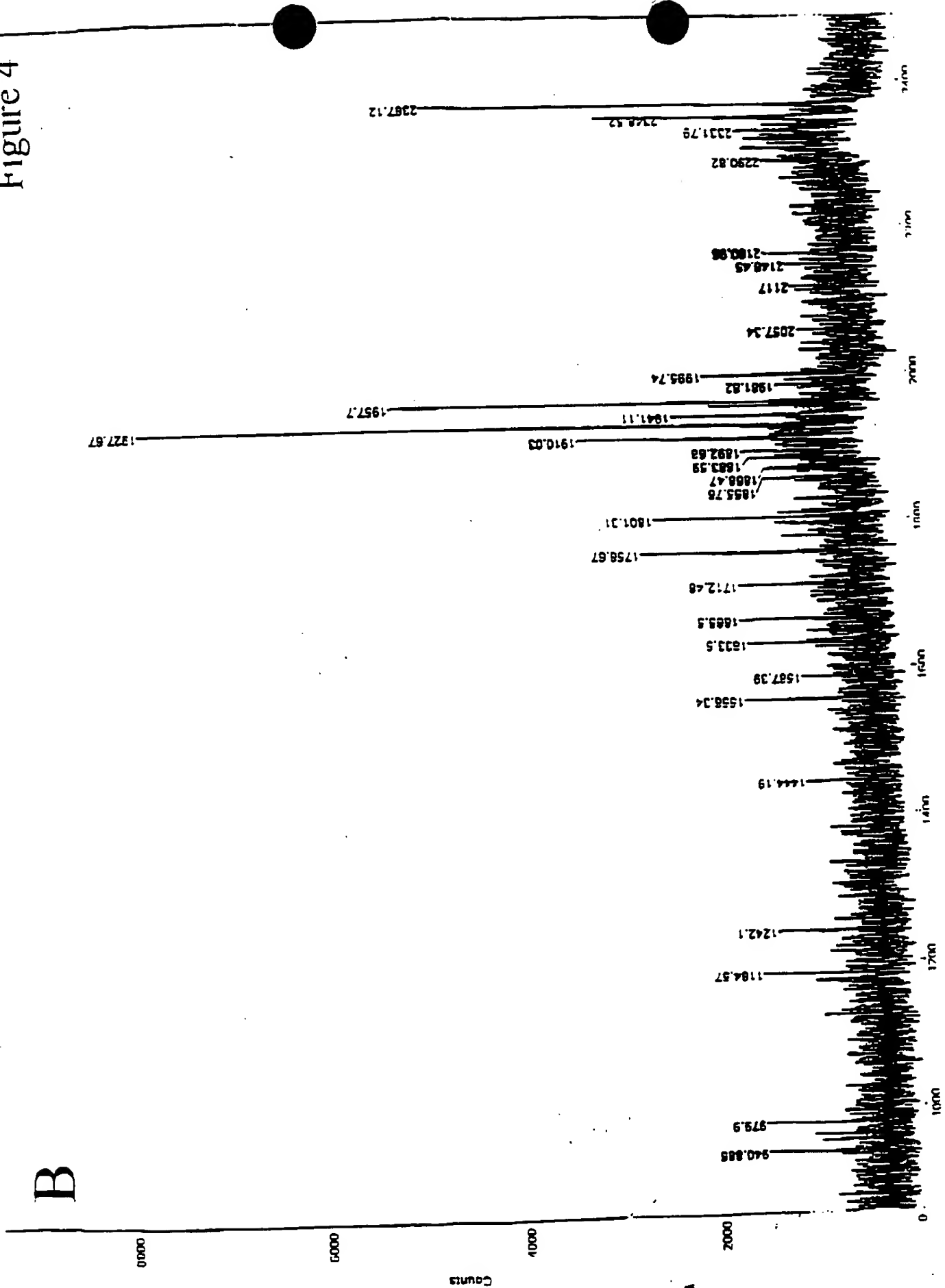
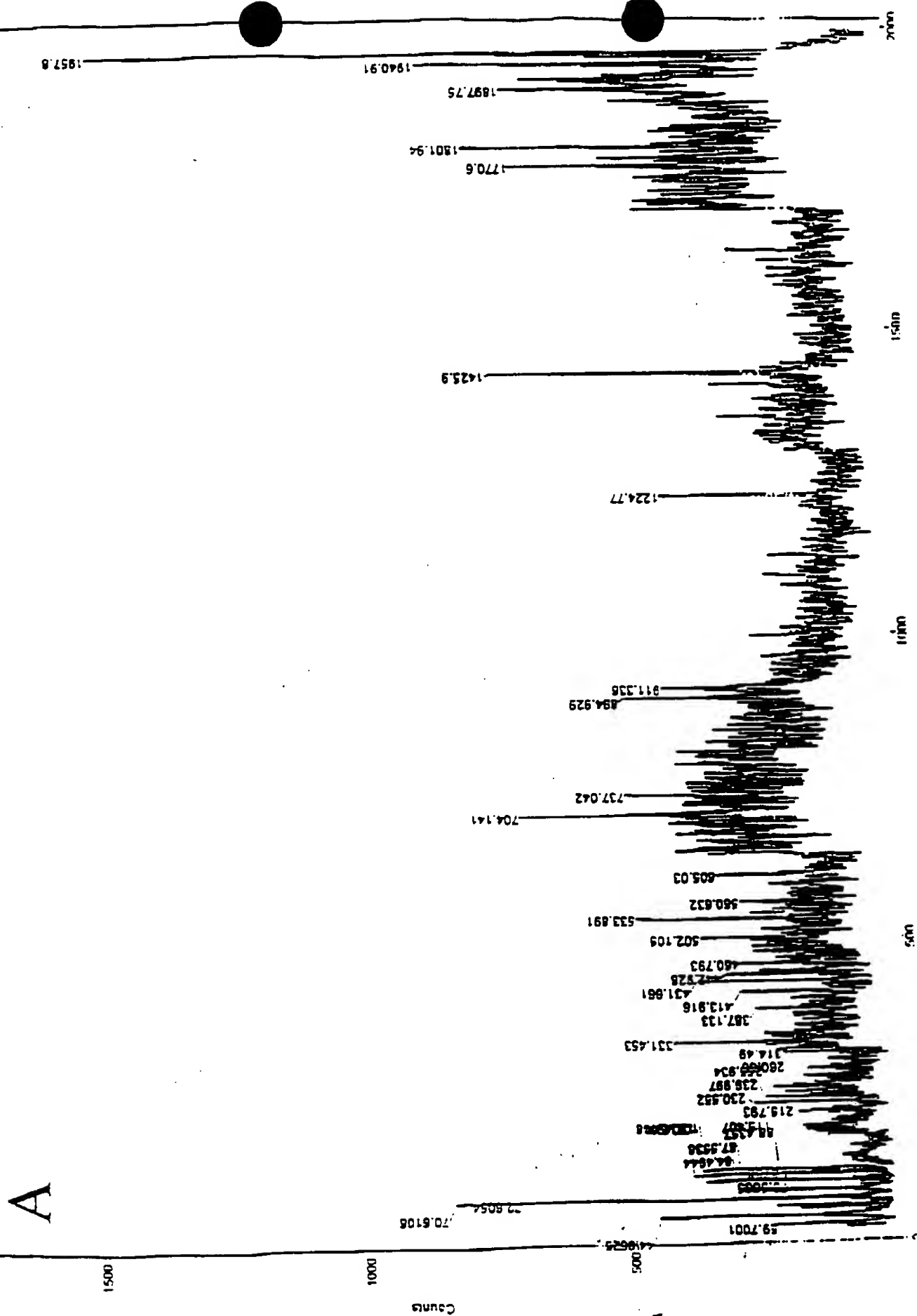


Figure 1. The 12 ECG leads (I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6) of the 12-lead ECG. The leads are arranged in a standard 12-lead format, showing the characteristic waveforms for each lead. The leads are labeled as follows: I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, and V6.

Figure 5



B

Figure 5

Sample ID (comment): R4A3F37m1957
 Database searched: NCBI nr. 7.5.97
 Molecular weight search (1000 - 100000 Da) selects 269572 entries.
 Species search (HOMO SAPIENS) selects 22771 entries.
 Combined molecular weight and species searches select 209333 entries.
 Number of sequences passing through parent mass filter: 84015
 Ion Types Considered: a b y n h l
 Search Mode: Unmatched Ions
 Max. # Peptide Masses Digest Max. # Missed Cysteines Peptide
 identity 5 Par(mi)Frag(av) No enzyme Used Cleavages Modified by N terminus C terminus
 Parent mass: 1957.2000 (+/- 500.0000 ppm)
 Fragment Ions used in search: 175.5, 230.3, 331.5, 387.1, 414.1, 431.7, 442.7, 448.8, 460.8, 533.8, 605.0, 704.2, 1224.8, 1425.5, 1628.6, 1801.4, 1914.9, 1940.8 (+/- 2500.00 ppm)
 Composition Ions present: [RPV][NR][KQ][FSDR]
 search selects 257 entries.

Result Summary

Rank	MS-Digest(NCBI nr. 7.5.97 index #)	Protein MW (Da)	Species	Calculated MH+ (Da)	MH+ Error (Da)	Sequence	# Unmatched Ions	Unmatched Protein Name
1	240839	1839795	HOMO SAPIENS	1956.9052	0.2948	(Y)VDDTQFVRFSDAASQR(M)	2	(D82930) HLA-A26 variant
1	152874	915219	HOMO SAPIENS	1956.9052	0.2948	(Y)VDDTQFVRFSDAASQR(M)	2	(U25971) MHC class I antigen HLA-A2407
1	141923	825673	HOMO SAPIENS	1956.9052	0.2948	(Y)VDDTQFVRFSDAASQR(M)	2	(X82161) HLA-A alpha1 and alpha2 domains
1	159176	994765	HOMO SAPIENS	1956.9052	0.2948	(Y)VDDTQFVRFSDAASQR(M)	2	(D32129) HLA-A26
1	282322	2505934	HOMO SAPIENS	1956.9052	0.2948	(Y)VDDTQFVRFSDAASQR(M)	2	(Z97370) human leukocyte antigen
1	133479	717123	HOMO SAPIENS	1956.9052	0.2948	(Y)VDDTQFVRFSDAASQR(M)	2	(U18930) MHC class I antigen HLA-A2
1	49436	785055	HOMO SAPIENS	1956.9052	0.2948	(Y)VDDTQFVRFSDAASQR(M)	2	(M16010) HLA-A11 class I antigen (AA nt 30)
1	277806	2394324	HOMO SAPIENS	1956.9052	0.2948	(Y)VDDTQFVRFSDAASQR(M)	2	(AF017310) MHC class I antigen
1	277805	2394322	HOMO SAPIENS	1956.9052	0.2948	(Y)VDDTQFVRFSDAASQR(M)	2	(AF017309) MHC class I antigen
1	277713	2394009	HOMO SAPIENS	1956.9052	0.2948	(Y)VDDTQFVRFSDAASQR(M)	2	(AF012767) MHC class I antigen HLA-A heavy chain

1000

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query: 1 'DCTCF:PFDSQASQRM: 19
       VDDTQVEVFCSQASQRM
object: 1JH VDDTQVEVFCSQASQRM 121

```

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query: 1 VCTQFVRI D3QAA3QPI 19
      VCTQFVRI D3QAA3QPI
object: 116 VCTQFVRI D3QAA3QPI 199
```


Figure 6

